

Table 5.10b
Unadjusted Graft Survival, Deceased Donor ECD Kidney Transplants
Survival at 3 Months, 1 Year, 5 Years, and 10 Years

	3 Months			1 Year			5 Years			10 Years		
	(Tx 2006 - 2007)			(Tx 2006 - 2007)			(Tx 2002 - 2007)			(Tx 1997 - 2007)		
	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Total												
All	3,547	92.1%	0.5%	3,547	85.4%	0.6%	9,510	57.4%	0.7%	15,438	28.6%	0.7%
Age at Tx												
1-5 Years	0	-	-	0	-	-	0	-	-	2	50.0%	35.4%
6-11 Years	0	-	-	0	-	-	2	+	+	11	38.2%	16.4%
12-17 Years	1	100.0%	0.0%	1	100.0%	0.0%	4	+	+	31	21.8%	9.0%
18-34 Years	89	91.0%	3.0%	89	88.7%	3.4%	366	54.3%	3.2%	909	34.2%	2.1%
35-49 Years	408	92.9%	1.3%	408	87.7%	1.6%	1,504	61.1%	1.6%	3,061	32.9%	1.3%
50-64 Years	1,805	93.2%	0.6%	1,805	86.2%	0.8%	4,629	58.7%	1.0%	7,399	28.5%	1.0%
65+ Years	1,244	90.4%	0.8%	1,244	83.1%	1.1%	3,005	53.3%	1.4%	4,025	18.4%	1.8%
Recipient Ethnicity/Race												
White	1,731	92.5%	0.6%	1,731	85.3%	0.9%	4,641	56.6%	1.0%	7,829	28.8%	0.9%
African American	1,132	89.8%	0.9%	1,132	83.0%	1.1%	2,993	52.8%	1.3%	4,713	22.2%	1.2%
Hispanic/Latino	386	94.0%	1.2%	386	88.2%	1.6%	1,079	65.6%	2.0%	1,683	37.3%	2.2%
Asian	252	96.8%	1.1%	252	90.8%	1.8%	653	68.6%	2.5%	995	44.0%	3.2%
Other/Multi-race	46	93.5%	3.6%	46	91.3%	4.2%	144	70.4%	4.6%	218	25.5%	6.6%
Recipient Gender												
Female	1,305	92.6%	0.7%	1,305	86.7%	0.9%	3,510	60.6%	1.2%	5,864	31.8%	1.1%
Male	2,242	91.8%	0.6%	2,242	84.6%	0.8%	6,000	55.5%	0.9%	9,574	26.5%	0.9%
Recipient Blood Type												
O	1,722	92.1%	0.6%	1,722	85.5%	0.9%	4,520	56.6%	1.1%	7,231	29.5%	1.0%
A	1,254	92.6%	0.7%	1,254	86.2%	1.0%	3,412	58.7%	1.2%	5,713	27.6%	1.1%
B	408	91.9%	1.3%	408	83.7%	1.8%	1,142	57.1%	2.0%	1,828	27.8%	2.0%
AB	163	89.5%	2.4%	163	81.3%	3.1%	436	55.8%	3.4%	666	28.6%	3.7%
Previous Kidney Tx												
No	3,291	92.3%	0.5%	3,291	85.4%	0.6%	8,790	57.8%	0.7%	14,123	28.6%	0.7%
Yes	256	89.8%	1.9%	256	84.3%	2.3%	720	51.3%	2.7%	1,315	27.8%	2.0%

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Total												
All	3,547	92.1%	0.5%	3,547	85.4%	0.6%	9,510	57.4%	0.7%	15,438	28.6%	0.7%
Recipient Residency												
U.S. Resident	3,533	92.1%	0.5%	3,533	85.4%	0.6%	9,472	57.4%	0.7%	15,349	28.5%	0.7%
Nonresident Alien	13	92.3%	7.4%	13	84.6%	10.0%	33	37.7%	17.7%	60	40.0%	12.5%
Unknown	1	100.0%	0.0%	1	0.0%	0.0%	5	40.0%	21.9%	29	35.8%	10.2%
Hospitalized at Tx												
Not Hospitalized	3,485	92.2%	0.5%	3,485	85.6%	0.6%	9,359	57.5%	0.7%	15,166	28.6%	0.7%
Hospitalized	55	90.9%	3.9%	55	77.6%	5.7%	129	48.7%	6.3%	227	23.1%	5.0%
In Intensive Care	7	57.1%	18.7%	7	42.9%	18.7%	22	0.0%	0.0%	43	22.0%	9.4%
Unknown	0	-	-	0	-	-	0	-	-	2	100.0%	0.0%
Primary Diagnosis												
Glomerular Diseases	555	94.4%	1.0%	555	87.9%	1.4%	1,622	62.5%	1.7%	2,929	36.2%	1.5%
Diabetes	1,122	91.9%	0.8%	1,122	83.9%	1.1%	2,951	52.2%	1.4%	4,466	20.2%	1.3%
Hypertensive												
Nephrosclerosis	1,024	91.1%	0.9%	1,024	85.4%	1.1%	2,477	56.3%	1.5%	3,636	24.0%	1.5%
Polycystic Kidneys	299	95.3%	1.2%	299	88.6%	1.8%	801	67.4%	2.2%	1,381	41.1%	2.5%
Tubular and Interstitial Diseases	151	92.1%	2.2%	151	88.1%	2.6%	413	62.4%	3.3%	730	31.5%	2.9%
Renovascular & Other Vascular Diseases	117	87.2%	3.1%	117	80.2%	3.7%	405	55.3%	3.1%	766	22.9%	2.8%
Congenital, Rare Familial, & Metabolic Disorders	23	95.7%	4.3%	23	82.6%	7.9%	75	55.0%	7.8%	143	32.0%	6.3%
Neoplasms	10	100.0%	0.0%	10	100.0%	0.0%	38	58.2%	9.1%	56	+	+
Other	229	90.8%	1.9%	229	83.3%	2.5%	668	57.4%	2.7%	1,181	31.9%	2.3%
Unknown	17	82.4%	9.2%	17	76.5%	10.3%	60	55.9%	9.3%	150	36.8%	5.9%

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Total												
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Cold Ischemic Time												
0-11 Hours	683	94.3%	0.9%	683	88.5%	1.2%	1,676	59.2%	1.8%	2,220	28.9%	2.3%
12-21 Hours	1,459	91.3%	0.7%	1,459	85.1%	0.9%	3,853	59.4%	1.1%	6,180	29.5%	1.1%
22-31 Hours	768	92.4%	1.0%	768	83.6%	1.3%	2,142	54.5%	1.5%	3,969	28.2%	1.2%
32-41 Hours	260	93.1%	1.6%	260	87.2%	2.1%	599	56.6%	2.9%	1,120	24.7%	2.2%
42+ Hours	85	94.1%	2.6%	85	87.1%	3.6%	189	46.6%	6.6%	271	24.0%	5.6%
Unknown	292	89.0%	1.8%	292	81.7%	2.3%	1,051	54.6%	2.0%	1,678	28.8%	2.4%
PRA at Transplant												
0-9%	2,922	92.2%	0.5%	2,922	85.5%	0.7%	7,787	58.2%	0.8%	12,426	28.9%	0.8%
10-79%	418	91.6%	1.4%	418	83.9%	1.8%	972	52.4%	2.5%	1,590	26.5%	2.1%
80%+	63	87.3%	4.2%	63	81.0%	4.9%	175	48.4%	5.3%	346	20.1%	3.9%
Unknown	144	94.4%	1.9%	144	88.8%	2.6%	576	57.2%	2.6%	1,076	30.1%	2.5%
Yearly Center Volume												
0-12	30	90.0%	5.5%	30	86.3%	6.4%	67	47.8%	9.1%	222	32.0%	4.8%
13-28	116	87.9%	3.0%	116	82.7%	3.5%	430	56.6%	3.5%	917	27.4%	2.7%
29-47	321	92.8%	1.4%	321	83.4%	2.1%	918	54.9%	2.2%	1,873	28.2%	2.1%
48-81	580	94.0%	1.0%	580	88.6%	1.3%	1,880	58.4%	1.6%	3,332	28.0%	1.5%
82+	2,500	91.8%	0.5%	2,500	85.0%	0.7%	6,215	57.6%	0.9%	9,094	28.8%	0.9%
Dialysis Needed Within First Week After Tx												
No	2,473	95.9%	0.4%	2,473	90.2%	0.6%	6,458	63.5%	0.9%	10,310	32.8%	0.9%
Yes	1,074	83.4%	1.1%	1,074	74.2%	1.3%	3,052	44.6%	1.2%	5,096	20.3%	1.0%
Unknown	0	-	-	0	-	-	0	-	-	32	28.5%	8.5%
Donor Age												
50-64 Years	2,701	92.2%	0.5%	2,701	86.1%	0.7%	7,273	58.7%	0.8%	11,639	30.8%	0.8%
65+ Years	846	91.8%	0.9%	846	83.0%	1.3%	2,237	53.2%	1.5%	3,799	22.4%	1.2%

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Total												
All	3,547	92.1%	0.5%	3,547	85.4%	0.6%	9,510	57.4%	0.7%	15,438	28.6%	0.7%
A Locus Mismatch												
0	451	93.1%	1.2%	451	87.7%	1.6%	1,206	60.9%	2.0%	2,407	31.0%	1.6%
1	1,365	91.9%	0.7%	1,365	84.4%	1.0%	3,668	55.9%	1.2%	5,912	29.8%	1.1%
2	1,731	92.0%	0.7%	1,731	85.5%	0.8%	4,634	57.6%	1.0%	7,099	26.5%	1.0%
Unknown	0	-	-	0	-	-	2	0.0%	0.0%	20	24.0%	9.8%
B Locus Mismatch												
0	280	93.9%	1.4%	280	87.7%	2.0%	862	58.3%	2.3%	2,056	30.3%	1.6%
1	785	91.5%	1.0%	785	85.8%	1.3%	2,371	57.1%	1.4%	4,648	28.4%	1.1%
2	2,482	92.1%	0.5%	2,482	85.0%	0.7%	6,275	57.5%	0.9%	8,714	28.2%	1.1%
Unknown	0	-	-	0	-	-	2	0.0%	0.0%	20	24.0%	9.8%
DR Locus Mismatch												
0	419	92.6%	1.3%	419	87.0%	1.7%	1,330	59.8%	1.8%	3,082	31.5%	1.3%
1	1,420	92.5%	0.7%	1,420	85.8%	0.9%	3,842	58.0%	1.1%	6,472	28.4%	1.0%
2	1,708	91.7%	0.7%	1,708	84.6%	0.9%	4,336	56.1%	1.1%	5,866	26.2%	1.4%
Unknown	0	-	-	0	-	-	2	0.0%	0.0%	18	8.3%	7.3%
Total Mismatch												
0	234	93.6%	1.6%	234	87.4%	2.2%	639	62.2%	2.7%	1,304	32.9%	2.2%
1	11	90.9%	8.7%	11	90.9%	8.7%	71	54.9%	6.9%	322	30.4%	3.2%
2	91	94.5%	2.4%	91	90.0%	3.2%	331	59.8%	3.5%	952	30.0%	2.2%
3	320	89.7%	1.7%	320	84.6%	2.0%	1,056	55.6%	2.1%	2,290	29.4%	1.5%
4	913	93.2%	0.8%	913	85.9%	1.2%	2,413	57.6%	1.4%	3,855	27.4%	1.4%
5	1,261	91.7%	0.8%	1,261	84.8%	1.0%	3,169	56.6%	1.3%	4,283	28.2%	1.6%
6	717	91.8%	1.0%	717	84.7%	1.3%	1,828	57.8%	1.6%	2,406	25.0%	2.3%
Unknown	0	-	-	0	-	-	3	0.0%	0.0%	26	18.5%	7.8%

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Transplant Center State												
Alabama	27	85.2%	6.8%	27	81.5%	7.5%	108	49.5%	6.1%	243	26.4%	4.4%
Arkansas	27	88.9%	6.0%	27	85.2%	6.8%	56	46.2%	12.7%	76	13.5%	10.6%
Arizona	47	93.6%	3.6%	47	87.2%	4.9%	111	74.0%	5.5%	158	52.3%	7.7%
California	351	94.0%	1.3%	351	87.6%	1.8%	1,063	61.5%	2.1%	1,773	34.3%	2.1%
Colorado	22	100.0%	0.0%	22	95.5%	4.4%	67	70.0%	7.1%	98	15.0%	8.8%
Connecticut	31	93.5%	4.4%	31	83.5%	6.7%	71	57.2%	7.8%	104	38.6%	8.0%
District of Columbia	46	93.5%	3.6%	46	86.5%	5.2%	89	72.1%	5.5%	155	7.0%	4.3%
Delaware	3	100.0%	0.0%	3	100.0%	0.0%	3	+	+	3	+	+
Florida	193	93.3%	1.8%	193	88.6%	2.3%	509	57.3%	3.5%	837	26.1%	2.9%
Georgia	54	90.7%	3.9%	54	85.2%	4.8%	179	63.3%	4.4%	304	37.1%	4.3%
Hawaii	28	100.0%	0.0%	28	96.4%	3.5%	56	68.6%	9.0%	100	50.5%	7.1%
Iowa	17	88.2%	7.8%	17	76.5%	10.3%	56	69.6%	8.4%	97	23.3%	7.8%
Illinois	146	91.8%	2.3%	146	79.9%	3.3%	436	59.4%	2.9%	672	26.6%	3.2%
Indiana	14	100.0%	0.0%	14	92.9%	6.9%	77	62.1%	7.7%	104	53.2%	8.2%
Kansas	13	100.0%	0.0%	13	100.0%	0.0%	25	59.7%	17.3%	31	52.7%	13.6%
Kentucky	34	97.1%	2.9%	34	91.2%	4.9%	84	54.1%	7.2%	150	33.6%	6.1%
Louisiana	55	92.7%	3.5%	55	89.1%	4.2%	136	51.8%	7.1%	200	29.9%	5.5%
Massachusetts	107	94.4%	2.2%	107	91.6%	2.7%	275	59.1%	4.3%	404	31.9%	4.4%
Maryland	131	94.6%	2.0%	131	90.7%	2.5%	371	48.8%	3.9%	726	21.8%	2.9%
Maine	2	100.0%	0.0%	2	100.0%	0.0%	11	88.9%	10.5%	37	+	+
Michigan	109	91.7%	2.6%	109	84.4%	3.5%	244	56.3%	4.5%	374	30.1%	4.0%
Minnesota	35	97.1%	2.8%	35	91.4%	4.7%	100	74.2%	6.2%	230	25.7%	4.7%
Missouri	57	93.0%	3.4%	57	84.2%	4.8%	109	64.3%	6.6%	193	26.6%	4.8%
Mississippi	2	100.0%	0.0%	2	100.0%	0.0%	3	+	+	15	11.6%	10.5%
North Carolina	118	90.7%	2.7%	118	80.4%	3.7%	298	59.0%	4.1%	457	29.9%	4.1%
North Dakota	7	85.7%	13.2%	7	71.4%	17.1%	37	34.2%	9.4%	60	28.3%	7.8%
Nebraska	25	96.0%	3.9%	25	88.0%	6.5%	54	79.0%	6.2%	86	42.7%	10.1%
New Hampshire	19	94.7%	5.1%	19	89.5%	7.0%	28	60.5%	9.9%	36	25.7%	19.1%
New Jersey	109	87.2%	3.2%	109	78.8%	3.9%	362	50.8%	3.6%	591	28.2%	3.5%
New Mexico	13	100.0%	0.0%	13	92.3%	7.4%	36	74.9%	8.5%	65	24.1%	10.7%
Nevada	4	100.0%	0.0%	4	100.0%	0.0%	15	52.4%	14.9%	35	8.9%	8.0%
New York	439	89.5%	1.5%	439	82.4%	1.8%	992	53.6%	2.5%	1,505	29.6%	2.1%
Ohio	133	88.7%	2.7%	133	81.8%	3.4%	365	54.1%	3.6%	628	25.8%	2.9%
Oklahoma	31	93.5%	4.4%	31	87.1%	6.0%	77	62.9%	6.9%	128	35.9%	7.7%
Oregon	41	92.7%	4.1%	41	85.2%	5.6%	137	63.5%	4.9%	211	47.1%	5.9%

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	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.	N	%	Std. Err.
Transplant Center State												
Pennsylvania	361	88.9%	1.7%	361	82.7%	2.0%	980	52.5%	2.1%	1,541	24.5%	2.3%
Puerto Rico	23	100.0%	0.0%	23	95.7%	4.3%	49	87.1%	5.7%	67	57.8%	14.3%
Rhode Island	4	100.0%	0.0%	4	100.0%	0.0%	36	48.4%	9.4%	63	21.9%	9.6%
South Carolina	29	93.1%	4.7%	29	93.1%	4.7%	66	37.2%	11.8%	110	11.0%	5.2%
South Dakota	13	92.3%	7.4%	13	69.2%	12.8%	65	46.0%	8.7%	77	7.1%	6.7%
Tennessee	75	89.3%	3.6%	75	82.6%	4.4%	187	55.3%	5.4%	318	15.1%	4.6%
Texas	237	92.0%	1.8%	237	87.2%	2.2%	644	61.7%	2.8%	979	34.9%	2.9%
Utah	13	92.3%	7.4%	13	84.6%	10.0%	26	61.2%	12.6%	49	41.9%	8.8%
Virginia	121	95.0%	2.0%	121	86.0%	3.2%	284	61.1%	4.0%	403	23.8%	5.1%
Vermont	10	90.0%	9.5%	10	90.0%	9.5%	23	70.0%	12.9%	30	+	+
Washington	39	100.0%	0.0%	39	89.7%	4.9%	129	68.0%	5.7%	272	31.9%	4.8%
Wisconsin	127	94.5%	2.0%	127	83.4%	3.3%	362	50.4%	3.9%	581	27.4%	3.7%
West Virginia	5	100.0%	0.0%	5	100.0%	0.0%	19	73.1%	11.8%	62	25.6%	9.5%

Source: OPTN/SRTR Data as of May 4, 2009.

Notes:

(+) = Values not determined due to insufficient follow-up. (-) = Values not determined since there were no transplants in the category.

Cohorts are transplants performed during the years listed at the top of the table.

Graft survival follows individual transplants until graft failure. Counts for patient and graft survival are different because a patient may have more than one transplant for a type of organ.

Center volume = Center's yearly transplants performed during the base period, based on kidney and kidney-pancreas transplants.

Multi-organ transplants are excluded.

Dialysis needed within first week excludes patients whose graft failed before the end of the week.